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> d his
(FILE 'HOME' ENTERED AT 10:02:59 ON 13 JAN 2004)

FILE 'REGISTRY' ENTERED AT 10:03:16 ON 13 JAN 2004
1      1 S SULFUR/CN
2      1 S PHOSPHORUS/CN
3      1 S PEROXIDE/CN
4      1 S HYDROXIDE/CN

FILE 'CAPLUS' ENTERED AT 10:07:22 ON 13 JAN 2004
5      STRUCTURE UPLOADED
        S L5

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6      13030 S L5 FULL

FILE 'CAPLUS' ENTERED AT 10:08:16 ON 13 JAN 2004
7      4309 S L6 FULL
        S L7 AND 7704-34-9/REG# AND 7723-14-0/REG# AND 14915-07-2/RE

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8      1 S 14280-30-9/RN

FILE 'CAPLUS' ENTERED AT 10:09:27 ON 13 JAN 2004
9      8607 S L8

FILE 'REGISTRY' ENTERED AT 10:09:28 ON 13 JAN 2004
10     1 S 14915-07-2/RN

FILE 'CAPLUS' ENTERED AT 10:09:28 ON 13 JAN 2004
11     1248 S L10

FILE 'REGISTRY' ENTERED AT 10:09:29 ON 13 JAN 2004
12     1 S 7723-14-0/RN

FILE 'CAPLUS' ENTERED AT 10:09:29 ON 13 JAN 2004
13     156329 S L12

FILE 'REGISTRY' ENTERED AT 10:09:30 ON 13 JAN 2004
14     1 S 7704-34-9/RN

FILE 'CAPLUS' ENTERED AT 10:09:30 ON 13 JAN 2004
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17         12 S L7 AND TOTAL ACID
18         0 S L7 AND TOTAL ACID AND ASH
19         0 S L7 AND TOTAL ACID AND SULFAT? ASH
20         0 S L7 AND TOTAL ACID AND SULFUR
21         0 S L7 AND TOTAL ACID AND PHOSPHROUS
22         0 S L7 AND TOTAL ACID AND PHOSPHORUS
23         0 S L7 AND TOTAL ACID AND PEROXIDE
24         0 S L7 AND TOTAL ACID AND CARBONYL
25         1 S L7 AND TOTAL ACID AND RESISTIVITY
26         1 S L7 AND TOTAL ACID AND HYDROXYL
27         3 S L7 AND TOTAL ACID AND WATER
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30         0 S L17 AND L25 AND L26
31         0 S L17 AND L25 AND L27

> s l17 or l26 or l25 or l27 or l29
32     12 L17 OR L26 OR L25 OR L27 OR L29

> d 1-12 ibib abs hitstr

32 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN
CESSION NUMBER: 2002:513093 CAPLUS

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DOCUMENT NUMBER: 137:79855
 TITLE: Polyester sheets with good high-temperature transparency and mechanical characteristics and their moldings
 INVENTOR(S): Tokumizu, Makoto; Yoshida, Jun; Ishiwatari, Shuji
 PATENT ASSIGNEE(S): Mitsubishi Rayon Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002194068	A2	20020710	JP 2000-391319	20001222
PRIORITY APPLN. INFO.:			JP 2000-391319	20001222

AB The sheets for food packagings, containers, surface protection, etc., consists of arom. dicarboxylic acid- and 1,4-butanediol (I)-based polyesters having total comonomer content excluding terephthalic acid (II) and I 3-20 mol%, content of polyalkylene glycols with Mn 500-3000 based on total glycol content 0.5-6 mol%, and intrinsic viscosity at 25.degree. in a 1:1 mixt. of phenol/1,1,2,2-tetrachloroethane (.eta.) 1.0-1.4 dL/g. Alternatively, the sheets comprise 40-99.9 wt.% of the above polyesters and 0.1-60 wt.% of arom. dicarboxylic acid- and ethylene glycol (III)-based polyesters having total comonomer content excluding II and III 10-40 mol%, total content of .gtoreq.3 CO2H-contg. polycarboxylic acids and/or .gtoreq.3 OH-contg. polyhydric alcs. 0.05-2 mol%, and .eta. 0.6-1.2 dL/g. Thus, I, di-Me isophthalate (IV), di-Me terephthalate, and polytetramethylene glycol (V; Mn 1000) were reacted to give polyester (.eta. 1.15 dL/g, IV unit content based on **total acid** unit 5 mol%, V unit content based on total glycol 1.25 mol%), which was extruded at 250.degree. to give a 200 .mu.m-sheet showing haze 3.2 and good vacuum moldability at 100.degree..

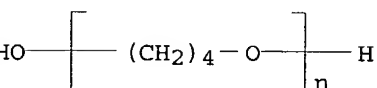
IT **440358-66-7P**

RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (polyester sheets with good high-temp. transparency and mech. characteristics and their moldings)

RN 440358-66-7 CAPLUS
 CN 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol, 1,4-cyclohexanedimethanol and .alpha.-hydro-.omega.-hydroxypoly(oxy-1,4-butanediyl), block (9CI) (CA INDEX NAME)

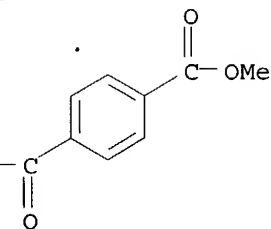
CM 1

CRN 25190-06-1
 CMF (C4 H8 O)n H2 O
 CCI PMS



CM 2

CRN 120-61-6
 CMF C10 H10 O4



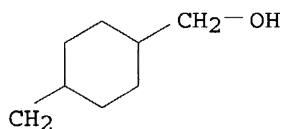
CM 3

CRN 110-63-4
CMF C4 H10 O2

(CH₂)₄-OH

CM 4

CRN 105-08-8
CMF C8 H16 O2



ANSWER 2 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN

SESSION NUMBER: 2002:464269 CAPLUS
DOCUMENT NUMBER: 137:34562
TITLE: Thermosetting polyester powder coating compositions with good mechanical properties, their coating method, and coated products with smooth surface
INVENTOR(S): Kishida, Takahito; Ueno, Tasaburo
INVENT ASSIGNEE(S): Nippon Paint Co., Ltd., Japan
REFERENCE: Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
MULTI ACC. NUM. COUNT: 1
ADDITIONAL INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002173637	A2	20020621	JP 2000-372700	20001207
PRIORITY APPLN. INFO.:			JP 2000-372700	20001207

EXTRINSIC SOURCE(S): MARPAT 137:34562

The compns., useful for Al automobile wheel covers, etc., comprise (A) carboxy-contg. polyesters with arom. polycarboxylic acid content .gtoreq.70 mol% (based on total acid content), acid value of solid components 10-100, and softening point 80-150.degree., (B) .beta.-hydroxyalkylamide curing agents, and (C) 0.5-20 parts (based on 100 parts A) multi-layered org. microparticles with wt.-av. diam. 0.1-5 .mu.m contg. functional groups selected from carboxy, OH, and epoxy, wherein Tg of at least one of the inner polymer layers and the outermost polymer layer of the microparticles are .ltoreq.20.degree. and .gtoreq.40.degree., resp. Thus, a compn. comprising ethylene glycol-neopentyl glycol-dimethyl terephthalate-adipic acid-terephthalic acid-isophthalic acid copolymer, allyl methacrylate-Bu acrylate-1,4-butylene glycol diacrylate-Et acrylate-2-hydroxyethyl methacrylate-Me methacrylate graft copolymer multilayer particles, and (CH₂)₄[CON(CH₂CH₂OH)₂]₂ (Primid XL 552) was

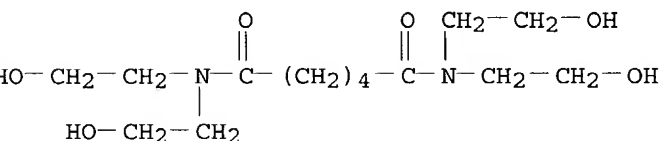
sprayed on a steel plate and baked to give a coating showing good impact and **water** resistance, adhesion, storage stability, and resistance to acrylic contamination.

436799-16-5P, Adipic acid-dimethyl terephthalate-ethylene glycol-isophthalic acid-neopentyl glycol-terephthalic acid-Primid XL 552 copolymer 436799-17-6P, 1,4-Cyclohexanedimethanol-dimethyl terephthalate-ethylene glycol-neopentyl glycol-terephthalic acid-trimethylolpropane-Primid XL 552 copolymer
 RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (hydroxyamide-crosslinking thermosetting polyester powder coatings with good **water** resistance)

436799-16-5 CAPLUS
 1,3-Benzenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid, dimethyl 1,4-benzenedicarboxylate, 2,2-dimethyl-1,3-propanediol, 1,2-ethanediol, hexanedioic acid and N,N,N',N'-tetrakis(2-hydroxyethyl)hexanediamide (9CI) (CA INDEX NAME)

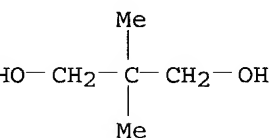
CM 1

CRN 6334-25-4
 CMF C14 H28 N2 O6



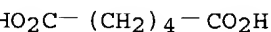
CM 2

CRN 126-30-7
 CMF C5 H12 O2



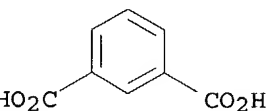
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CRN 124-04-9
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CM 4

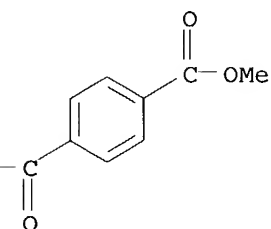
CRN 121-91-5
 CMF C8 H6 O4



CM 5

CRN 120-61-6

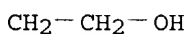
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CM 6

CRN 107-21-1

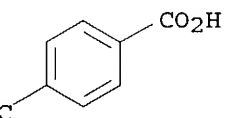
CMF C2 H6 O2



CM 7

CRN 100-21-0

CMF C8 H6 O4



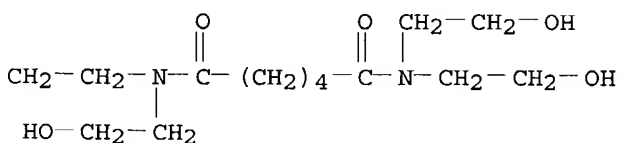
436799-17-6 CAPLUS

1,4-Benzenedicarboxylic acid, polymer with 1,4-cyclohexanedimethanol, dimethyl 1,4-benzenedicarboxylate, 2,2-dimethyl-1,3-propanediol, 1,2-ethanediol, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and N,N,N',N'-tetrakis(2-hydroxyethyl)hexanediamide (9CI) (CA INDEX NAME)

CM 1

CRN 6334-25-4

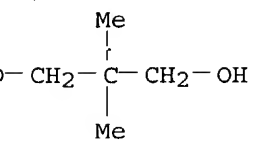
CMF C14 H28 N2 O6



CM 2

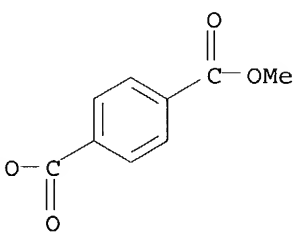
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CMF C5 H12 O2



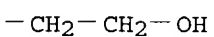
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CRN 120-61-6
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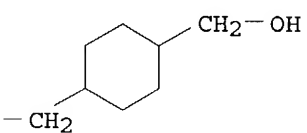
CM 4

CRN 107-21-1
CMF C2 H6 O2



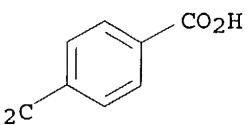
CM 5

CRN 105-08-8
CMF C8 H16 O2



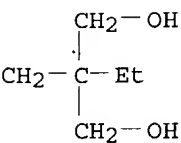
CM 6

CRN 100-21-0
CMF C8 H6 O4



CM 7

CRN 77-99-6
CMF C6 H14 O3



ANSWER 3 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN
 SESSION NUMBER: 2002:126280 CAPLUS
 DOCUMENT NUMBER: 136:169058
 TITLE: Polyester-based coating composition for draw-ironing
 production of metal cans
 INVENTOR(S): Masuda, Hideki; Hayashi, Ryotaro
 INVENT ASSIGNTEE(S): Kansai Paint Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FULLY ACC. NUM. COUNT: 1
 ADDITIONAL INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002052649	A2	20020219	JP 2000-242599	20000810
PRIORITY APPLN. INFO.:			JP 2000-242599	20000810

Title coating compn. with good toughness, processability, and adhesion to metal substrates, is mainly based on polyesters having intrinsic viscosity (.eta.) 0.50-1.40 dL/g and glass transition temp. (Tg) 40.degree.-90.degree., and comprising units of (A) terephthalic 98-50, (B) isophthalic 1-15, (C) maleic 1-8, and (D) other acid(s) 0-40 mol% (based on the **total acid** units 100 mol%), and units of (E) aliph. glycols. Thus, a polyester (.eta. = 0.7 dL/g and Tg = 65.degree.), prepd. from di-Me terephthalate 85, di-Me isophthalate 10, maleic anhydride 5, and ethylene glycol 100 parts, was thermally laminated on an Al plate, showing good results.

396714-73-1P, Dimethyl isophthalate-dimethyl terephthalate-ethylene glycol-maleic anhydride copolymer

RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

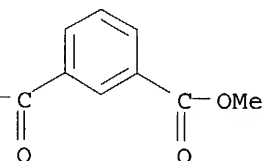
(for coating metal plate in prodn. of draw-ironing can)

396714-73-1 CAPLUS

1,3-Benzenedicarboxylic acid, dimethyl ester, polymer with dimethyl 1,4-benzenedicarboxylate, 1,2-ethanediol and 2,5-furandione (9CI) (CA INDEX NAME)

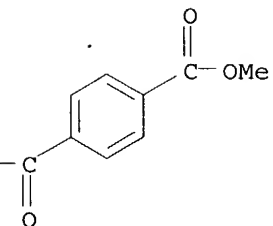
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CRN 1459-93-4
 CMF C10 H10 O4



CM 2

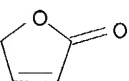
CRN 120-61-6
 CMF C10 H10 O4



CM 3

CRN 108-31-6

CMF C4 H2 O3



CM 4

CRN 107-21-1

CMF C2 H6 O2

CH₂-CH₂-OH

396714-75-3P, Dimethyl isophthalate-dimethyl naphthalenedicarboxylate-dimethyl terephthalate-ethylene glycol-maleic anhydride copolymer

RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(for coating metal plate in prodn. of draw-ironing can)

396714-75-3 CAPLUS

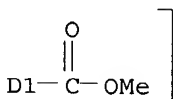
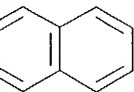
Naphthalenedicarboxylic acid, dimethyl ester, polymer with dimethyl 1,3-benzenedicarboxylate, dimethyl 1,4-benzenedicarboxylate, 1,2-ethanediol and 2,5-furandione (9CI) (CA INDEX NAME)

CM 1

CRN 28804-91-3

CMF C14 H12 O4

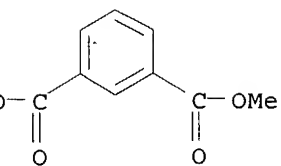
CCI IDS



CM 2

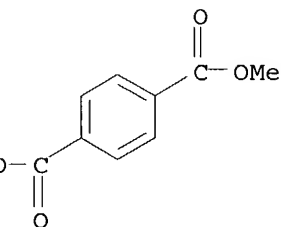
CRN 1459-93-4

CMF C10 H10 O4



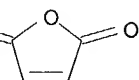
CM 3

CRN 120-61-6
CMF C10 H10 O4



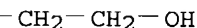
CM 4

CRN 108-31-6
CMF C4 H2 O3



CM 5

CRN 107-21-1
CMF C2 H6 O2



2 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN
 CESSION NUMBER: 2001:461078 CAPLUS
 CUMENT NUMBER: 135:62589
 TLE: Modified polyester compositions with good drawing
 property and cationic dyeability and their ultrafine
 fibers
 VENTOR(S): Takase, Toru
 TENT ASSIGNEE(S): Teijin Ltd., Japan
 URCE: Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 CUMENT TYPE: Patent
 GUAGE: Japanese
 MILY ACC. NUM. COUNT: 1
 TENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001172484	A2	20010626	JP 1999-355598	19991215

CURITY APPLN. INFO.: JP 1999-355598 19991215
 The fibers comprise polyester compns. contg. (A) copolyesters with
 intrinsic viscosity 0.7-1.5 composed of .gtoreq.80 mol% trimethylene

terephthalate units and 0.1-10 mol% (based on **total acid** components) terephthalic deriv. having phosphonium sulfonate salt units 1-R1O2C-C6H4-m(SO3R3R4R5R6)m -CO2R2-4 [R1, R2 = H, (CH2)nH, (CH2)nOH; n = 1-6; R3-R6 = alkyl, aryl; m = 1-4], (B) hindered phenols, and (C) C6-30 alkyl(aryl)sulfonic acids and/or their metal salts. Thus, 2,5-dicarbomethoxybenzenesulfonic acid tetra-n-butylphosphonium salt-dimethyl terephthalate-trimethylene glycol copolymer was blended with Na C14 alkylbenzenesulfonate 2, 3,9-bis[2,3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propioxy]-1,1-dimethylethyl-2,4,8,10-tetraoxaspiro[5,5]undecane 0.5 part, and other additives, which was then spun to give fibers with intrinsic viscosity 0.708, tensile breaking strength 44%, and cationic dyeability.

IT **345647-23-6P**

RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(fiber; modified polyester compns. with good drawing property and cationic dyeability for cationic dyeable ultrafine fibers)

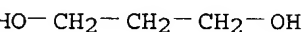
CRN 345647-23-6 CAPLUS

Phosphonium, tetrabutyl-, salt with 1,4-dimethyl 2-sulfo-1,4-benzenedicarboxylate (1:1), polymer with dimethyl 1,4-benzenedicarboxylate and 1,3-propanediol (9CI) (CA INDEX NAME)

CM 1

CRN 504-63-2

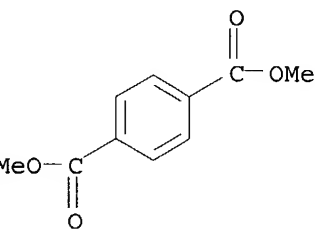
CMF C3 H8 O2



CM 2

CRN 120-61-6

CMF C10 H10 O4



CM 3

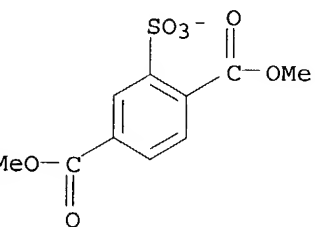
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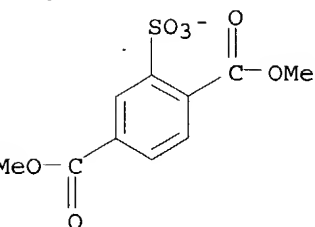
CMF C16 H36 P . C10 H9 O7 S

CM 4

CRN 165323-62-6

CMF C10 H9 O7 S

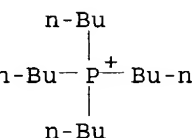




CM 5

CRN 15853-37-9

CMF C16 H36 P



L32 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:128285 CAPLUS

DOCUMENT NUMBER: 134:187347

TITLE: Poly(alkylene naphthalates), their manufacture, and films

INVENTOR(S): Ura, Tomokatsu; Kosuge, Masahiko

PATENT ASSIGNEE(S): Teijin Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001048970	A2	20010220	JP 2000-80072	20000322

PRIORITY APPLN. INFO.: JP 1999-157720 A 19990604

AB The poly(alkylene naphthalates), for films, contain 0.1-10.0 mmol% (based on **total acid** components) Ti compds. having polycarboxylic acid components and 0.01-100 mmol% quaternary phosphonium salts of sulfonic acid having ester-forming groups. The Ti compds. and phosphonium salts are added to the reaction mixts. before initiation of polycondensation reaction during manuf. of the poly(alkylene naphthalates). Biaxially oriented films, useful for high-d. magnetic recording media, from the poly(alkylene naphthalates) are also claimed. Films having good surface smoothness and dry heat resistance can be formed with high film-forming rates.

IT **300548-44-1P**, Diethylene glycol-dimethyl isophthalate-dimethyl 2,6-naphthalenedicarboxylate-ethylene glycol copolymer
 RL: DEV (Device component use); IMF (Industrial manufacture); PRP (Properties); PREP (Preparation); USES (Uses)
 (manuf. of poly(alkylene naphthalates) contg. Ti and sulfonic acid phosphonium salts and films for magnetic recording media)

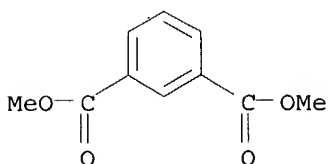
CRN 300548-44-1 CAPLUS

CN 2,6-Naphthalenedicarboxylic acid, dimethyl ester, polymer with dimethyl 1,3-benzenedicarboxylate, 1,2-ethanediol and 2,2'-oxybis[ethanol] (9CI)
 (CA INDEX NAME)

CM 1

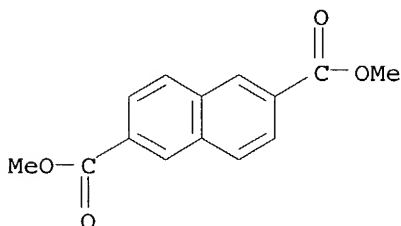
CRN 1459-93-4

CMF C10 H10 O4



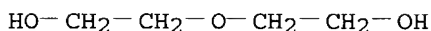
CM 2

CRN 840-65-3
CMF C14 H12 O4



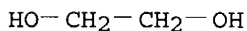
CM 3

CRN 111-46-6
CMF C4 H10 O3



CM 4

CRN 107-21-1
CMF C2 H6 O2



L32 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2000:420878 CAPLUS
DOCUMENT NUMBER: 133:65936
TITLE: Electrostatographic toner containing urethane-modified polyester resin
INVENTOR(S): Maekawa, Hiroshi; Hisamatsu, Kazuo; Emura, Yuji; Ogawa, Koichi; Mizushima, Katsuhiko
PATENT ASSIGNEE(S): Mitsui Chemicals, Inc., Japan
SOURCE: Eur. Pat. Appl., 16 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1011031	A1	20000621	EP 1999-310258	19991220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2000234011	A2	20000829	JP 1999-351014	19991210
US 6284423	B1	20010904	US 1999-460416	19991214

US 2001051704 A1 20011213 US 2001-897029 20010703
 US 6395843 B2 20020528
 PRIORITY APPLN. INFO.: JP 1998-360991 A 19981218
 US 1999-460416 A3 19991214

B An electrostatog. toner having good charging and low-temp. fixing properties and an excellent resistance to offsetting, blocking, and sticking to heated rolls contains a urethane-modified polyester resin. The urethane-modified polyester resin has a **total acid** value no greater than 10 KOH mg/g and is obtained by kneading, in a molten state, a base polyester resin (A) having an acid value of 5-20 KOH mg/g and a **hydroxyl** value of 40-70 KOH mg/g, a low-mol.-wt. polyester resin (B) having an acid value no greater than 5 KOH mg/g, a **hydroxyl** value no greater than 10 KOH mg/g, and a wt.-av. mol. wt. of 3000-5000, and a polyisocyanate compd. Components (A) and (B) are present at a wt. ratio of 3-5:7-5, and the polyisocyanate compd. is present in an amt. of 0.2-1.2 equiv (an isocyanate group per equiv of total **hydroxyl** groups of both polyester resins). The urethane-modified polyester resin is used as a binder resin for the toner, in the prepn. of which the resin is mixed and kneaded with colorants, magnetic powders, and charge control agents in a molten state, followed by cooling and pulverization.

T **210971-15-6P**, Dimethyl terephthalate-polyol KB 300 copolymer
 RL: RCT (Reactant); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); RACT (Reactant or reagent);
 USES (Uses)

(prepn. and reaction in prepg. urethane-modified polyester resins for electrostatog. toners)

N **210971-15-6** CAPLUS

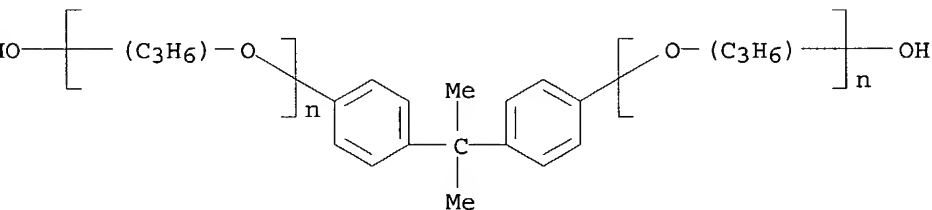
N 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with .alpha.,.alpha.'-[(1-methylethylidene)di-4,1-phenylene]bis[.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)]] (9CI) (CA INDEX NAME)

CM 1

CRN 37353-75-6

CMF (C3 H6 O)n (C3 H6 O)n C15 H16 O2

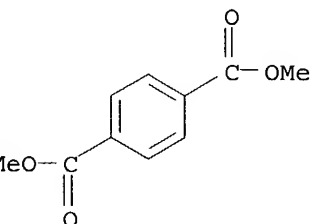
CCI IDS, PMS



CM 2

CRN 120-61-6

CMF C10 H10 O4



T **210971-15-6DP**, reaction products with polyester and tolylene diisocyanate
 RL: SPN (Synthetic preparation); TEM (Technical or engineered material)

use); PREP (Preparation); USES (Uses)
(prepn. and reaction in prepg. urethane-modified polyester resins for
electrostatog. toners)

210971-15-6 CAPLUS

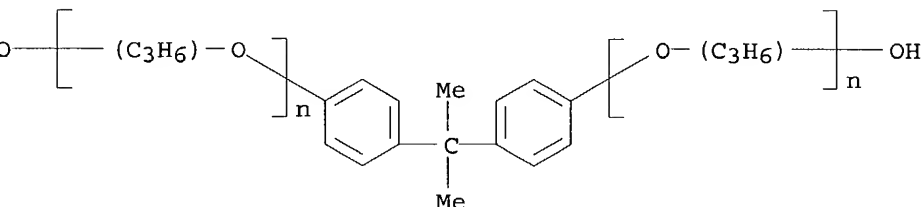
1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with
.alpha.,.alpha.'-[(1-methylethylidene)di-4,1-phenylene]bis[.omega.-
hydroxypoly[oxy(methyl-1,2-ethanediyl)]] (9CI) (CA INDEX NAME)

CM 1

CRN 37353-75-6

CMF (C3 H6 O)n (C3 H6 O)n C15 H16 O2

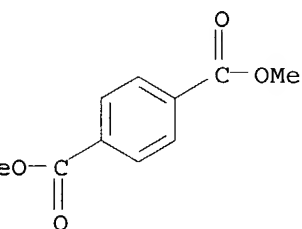
CCI IDS, PMS



CM 2

CRN 120-61-6

CMF C10 H10 O4



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

32 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:136347 CAPLUS

DOCUMENT NUMBER: 132:181451

TITLE: Polyester compositions and their moldings with good
flexibility, heat and chemical resistance, and
mechanical strength

INVENTOR(S): Tokusui, Shin; Yoshida, Atsushi

PATENT ASSIGNEE(S): Mitsubishi Rayon Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2000063645	A2	20000229	JP 1998-240819	19980826
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PRIORITY APPLN. INFO.:	JP 1998-240819	19980826
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3 The comps. contain (A) 90-99.9% polyesters showing intrinsic viscosity
[.eta.] (at 25.degree., in 1:1 phenol-tetrachloroethane mixt.) .gtoreq.0.5
dL/g and manufd. from dicarboxylic acids, diols, 5-65% polyoxyalkylene
glycols (Mw 400-3000), and 0.1-10 mol% (to **total acid**
components) hydroxysuccinic acid and (B) 0.1-10% epoxy compds. having

.gtoreq.2 epoxy groups/mol. Thus, a compn. comprising 99 parts 95:85.5:14.5:5 terephthalic acid-ethylene glycol-polytetramethylene glycol-hydroxysuccinic acid copolymer and 1 part TEPIC-L (triglycidyl isocyanurate) was injection-molded to give a test piece showing Shore A hardness 86, shape retention at 170.degree. 84%, tensile strength 350 kg/cm2, high Izod impact strength, and good acetone resistance.

259655-51-1P 259655-52-2P

RL: IMF (Industrial manufacture); POF (Polymer in formulation); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (polyester comps. for moldings with good flexibility, heat and chem. resistance, and mech. strength)

259655-51-1 CAPLUS

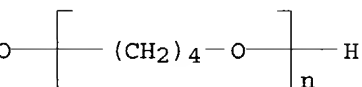
1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol, .alpha.-hydro-.omega.-hydroxypoly(oxy-1,4-butanediyl) and hydroxybutanedioic acid (9CI) (CA INDEX NAME)

CM 1

CRN 25190-06-1

CMF (C4 H8 O)n H2 O

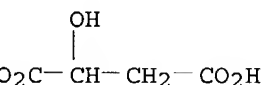
CCI PMS



CM 2

CRN 6915-15-7

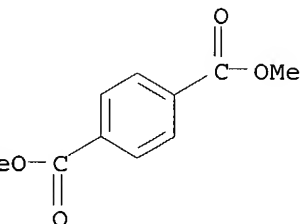
CMF C4 H6 O5



CM 3

CRN 120-61-6

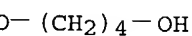
CMF C10 H10 O4



CM 4

CRN 110-63-4

CMF C4 H10 O2



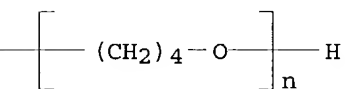
259655-52-2 CAPLUS

1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol,

2-ethyl-2-(hydroxymethyl)-1,3-propanediol, .alpha.-hydro-.omega.-hydroxypoly(oxy-1,4-butanediyl) and hydroxybutanedioic acid (9CI) (CA INDEX NAME)

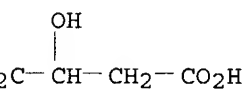
CM 1

CRN 25190-06-1
CMF (C4 H8 O)n H2 O
CCI PMS



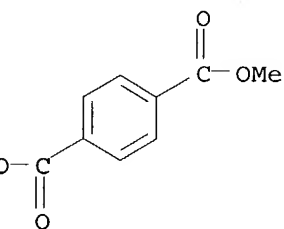
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CRN 6915-15-7
CMF C4 H6 O5



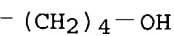
CM 3

CRN 120-61-6
CMF C10 H10 O4



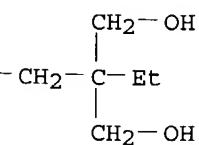
CM 4

CRN 110-63-4
CMF C4 H10 O2



CM 5

CRN 77-99-6
CMF C6 H14 O3



259655-48-6 259655-49-7

RL: PRP (Properties); TEM (Technical or engineered material use); USES
(Uses)

(polyester compns. for moldings with good flexibility, heat and chem.
resistance, and mech. strength)

259655-48-6 CAPLUS

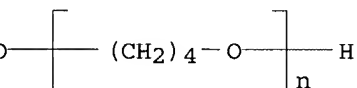
1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol,
.alpha.-hydro-.omega.-hydroxypoly(oxy-1,4-butanediyl), hydroxybutanedioic
acid and 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione
(9CI) (CA INDEX NAME)

CM 1

CRN 25190-06-1

CMF (C4 H8 O)n H2 O

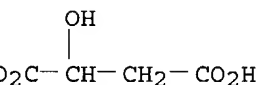
CCI PMS



CM 2

CRN 6915-15-7

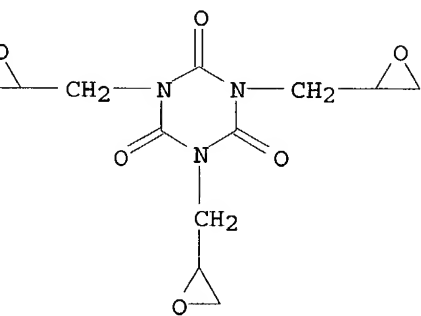
CMF C4 H6 O5



CM 3

CRN 2451-62-9

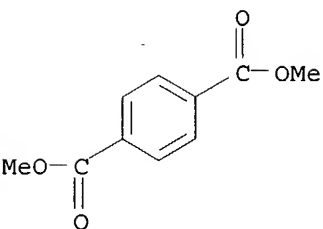
CMF C12 H15 N3 O6



CM 4

CRN 120-61-6

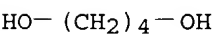
CMF C10 H10 O4



CM 5

CRN 110-63-4

CMF C4 H10 O2



RN 259655-49-7 CAPLUS

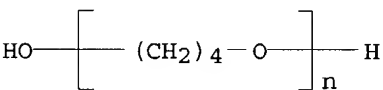
CN 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, .alpha.-hydro-.omega.-hydroxypoly(oxy-1,4-butanediyl), hydroxybutanedioic acid and 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (9CI)
(CA INDEX NAME)

CM 1

CRN 25190-06-1

CMF (C4 H8 O)_n H2 O

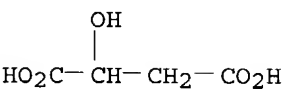
CCI PMS



CM 2

CRN 6915-15-7

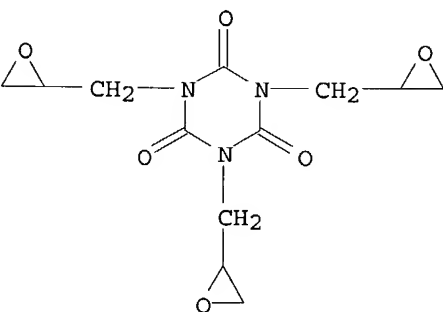
CMF C4 H6 O5

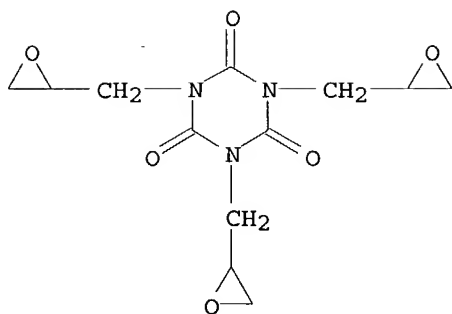


CM 3

CRN 2451-62-9

CMF C12 H15 N3 O6

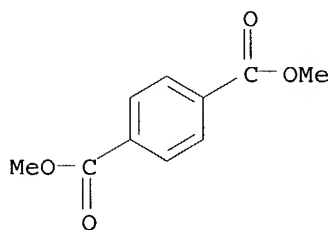




CM 4

CRN 120-61-6

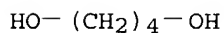
CMF C10 H10 O4



CM 5

CRN 110-63-4

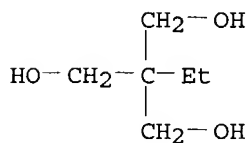
CMF C4 H10 O2



CM 6

CRN 77-99-6

CMF C6 H14 O3



L32 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:63172 CAPLUS

DOCUMENT NUMBER: 132:109114

TITLE: Polyesters containing sulfonic acid quaternary phosphonium salts in acid components for biaxially oriented polyester films

INVENTOR(S): Kudou, Takafumi; Kosuge, Masahiko

PATENT ASSIGNEE(S): Teijin Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000026584	A2	20000125	JP 1998-194532	19980709

PRIORITY APPLN. INFO.: JP 1998-194532 19980709

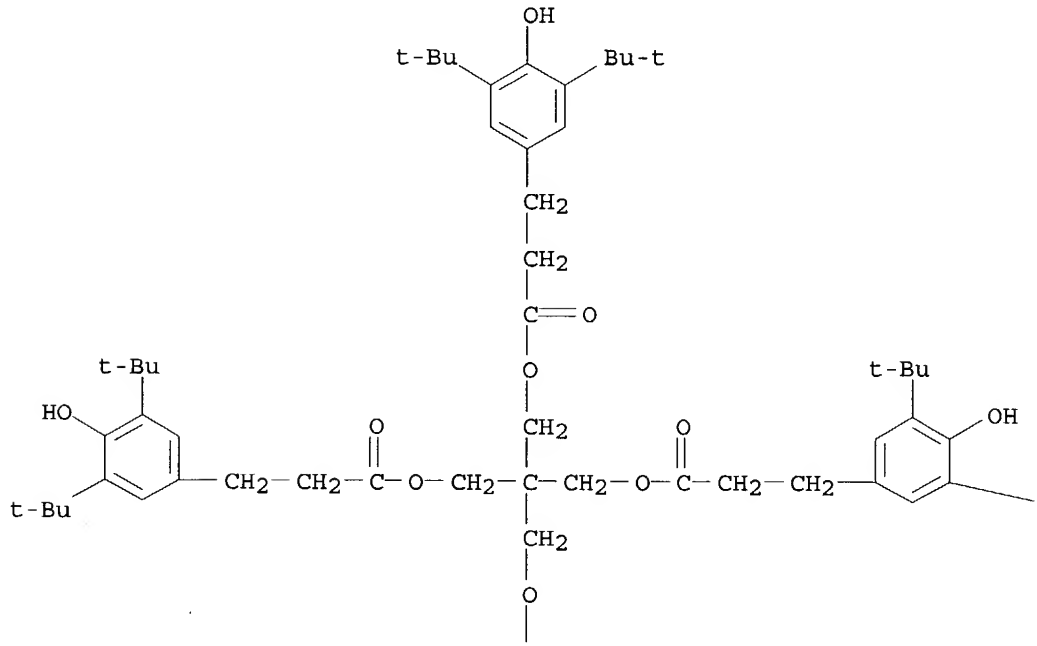
AB The polyester with good processability and release properties contains 0.3-5.0% diethylene glycol and is prepd. from an acid component contg. 0.1-45 mmol% (based on **total acid** component) sulfonic acid quaternary phosphonium salt having ester-formable group. Thus, di-Me terephthalate 100 and ethylene glycol 70 and 3,5-dicarboxybenzenesulfonic acid tetrabutylphosphonium salt were reacted in the presence manganese acetate and antimony trioxide, and condensation polymd. at 290.degree. and .ltoreq.0.2 mmHg to form a polymer with intrinsic viscosity 0.60 and alternating vol. **resistivity** (285.degree.) 5.5×10^7 .OMEGA.-cm., which was extruded, stretched biaxially, and heat-set to give a film showing good electrostatic cast properties and slidability.

IT **255722-28-2P**
 RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (polyesters contg. sulfonic acid quaternary phosphonium salts in acid components for biaxially oriented polyester films)

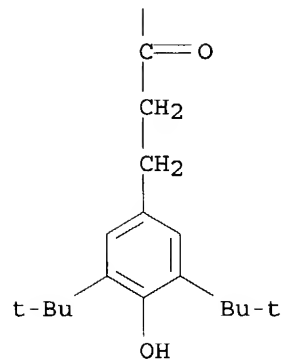
RN 255722-28-2 CAPLUS
 CN Phosphonium, tetrabutyl-, salt with 5-sulfo-1,3-benzenedicarboxylic acid (1:1), polymer with 2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl bis[3,5-bis(1,1-dimethylethyl)-4-hydroxybenzenepropanoate], dimethyl 1,4-benzenedicarboxylate and 1,2-ethanediol (9CI) (CA INDEX NAME)

CM 1
 CRN 6683-19-8
 CMF C73 H108 O12

PAGE 1-A

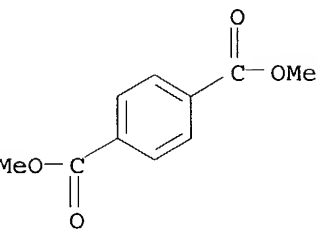


Bu-t



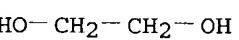
CM 2

CRN 120-61-6
CMF C10 H10 O4



CM 3

CRN 107-21-1
CMF C2 H6 O2

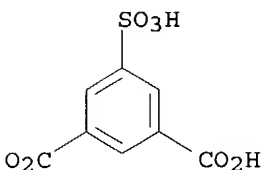


CM 4

CRN 65120-26-5
CMF C16 H36 P . C8 H5 O7 S

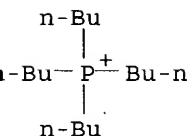
CM 5

CRN 65086-74-0
CMF C8 H5 O7 S



CM 6

CRN 15853-37-9
CMF C16 H36 P



32 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1999:208636 CAPLUS

DOCUMENT NUMBER: 130:267903

TITLE: Block copolyester containing butylene terephthalate repeat units and production method therefor

INVENTOR(S): Yoshida, Yoichi; Sato, Kimihiko

PATENT ASSIGNEE(S): Teijin Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11080333	A2	19990326	JP 1997-248505	19970912

PRIORITY APPLN. INFO.: JP 1997-248505 19970912

AB Block copolyester comprises (A) non-cryst. polyester soft segment contg. dimer acid and/or dimer diol 5-30 wt% on the basis of **total acid** components and (B) butylene terephthalate repeat units-contg. cryst. polyester hard segment with wt. ratio of (80:20)-(20:80), wherein the non-cryst. polyester (A) contains isophthalic acid and/or phthalic acid 60%, C6-12 fatty dicarboxylic acid 5-30%, C6-12 fatty .alpha.,.omega.-diol 70% on the on the basis of **total acid** components of A. Thus a block polyester was prepd. by transesterification of di-Me isophthalate 30.7 with di-Me sebacate 7.8, dimer acid 19.2, and hexamethylene glycol 32.1 parts in the presence of dibutyltin diacetate catalyst 0.06 part, followed by condensation polymn. at 265.degree. and under 1 mm Hg to give a soft segment of the polyester (A'), then melt blending of A' with poly(butylene terephthalate) at 250.degree. and under 1 mm Hg for transesterification and adding of phenylsulfonic acid into the reactor for deactivation of the catalyst, showing intrinsic viscosity 1.18 dL/g, m.p. 208.degree., glass transition temp. -19.degree., D-hardness at -10.degree. 37, intrinsic viscosity after treated in 120.degree. hot **water** for 12 h 0.90, and the

retention rate of viscosity 76%.

222033-97-8P, Dimethyl isophthalate-dimethyl sebacate-ethylene glycol-hexamethylene glycol-terephthalic acid block copolymer

RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)
(prepn. and properties of block copolyester contg. butylene terephthalate repeat units)

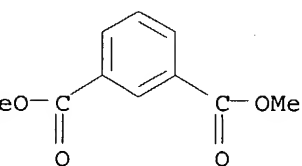
222033-97-8 CAPLUS

1,3-Benzenedicarboxylic acid, dimethyl ester, polymer with
1,4-benzenedicarboxylic acid, dimethyl decanedioate, 1,2-ethanediol and
1,6-hexanediol, block (9CI) (CA INDEX NAME)

CM 1

CRN 1459-93-4

CMF C10 H10 O4



CM 2

CRN 629-11-8

CMF C6 H14 O2

$\text{O}-(\text{CH}_2)_6-\text{OH}$

CM 3

CRN 107-21-1

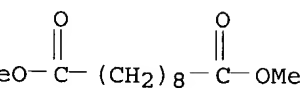
CMF C2 H6 O2

$\text{O}-\text{CH}_2-\text{CH}_2-\text{OH}$

CM 4

CRN 106-79-6

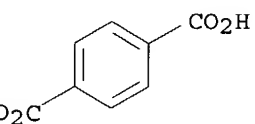
CMF C12 H22 O4

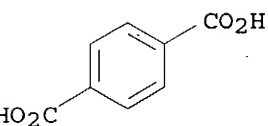


CM 5

CRN 100-21-0

CMF C8 H6 O4





L32 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1999:101262 CAPLUS

DOCUMENT NUMBER: 130:146247

TITLE: Receptor element for nonimpact printing comprising image-receiving layer with polymer comprising sulfonic acid groups

INVENTOR(S): Van Thillo, Etienne; Marien, August; Van Dijck, Geert

PATENT ASSIGNEE(S): Agfa-Gevaert N.V., Belg.

SOURCE: Eur. Pat. Appl., 17 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 895130	A1	19990203	EP 1998-202303	19980708
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 6051355	A	20000418	US 1998-119727	19980721
JP 11119459	A2	19990430	JP 1998-229485	19980731
PRIORITY APPLN. INFO.:			EP 1997-202394	A 19970801
			US 1997-60421P	P 19970930

AB A receptor element for nonimpact printing is provided comprising a support and an image-receiving layer contg. at least 80 wt.% with respect to the total wt. of the layer of a polymer with between 0.5 and 20 mol% of moieties carrying sulfonic acid groups. Preferably the polymer is a polyester comprising between 0.5 and 20 mol% with respect to the **total acid** content of moieties provided by sulfoisophthalic acid and the sulfo groups are present in a free acid form.

IT 220001-96-7 220001-97-8

RL: TEM (Technical or engineered material use); USES (Uses)
(electrostatog. printing with toner-receiving layers contg.)

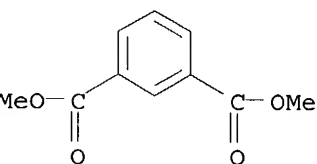
RN 220001-96-7 CAPLUS

CN 1,3-Benzenedicarboxylic acid, 5-sulfo-, 1,3-dimethyl ester, polymer with dimethyl 1,3-benzenedicarboxylate, dimethyl 1,4-benzenedicarboxylate and 1,2-ethanediol (9CI) (CA INDEX NAME)

CM 1

CRN 1459-93-4

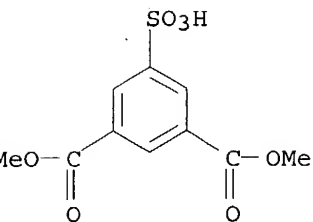
CMF C10 H10 O4



CM 2

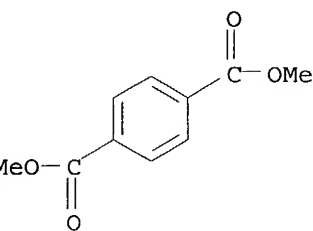
CRN 138-25-0

CMF C10 H10 O7 S



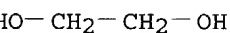
CM 3

CRN 120-61-6
CMF C10 H10 O4



CM 4

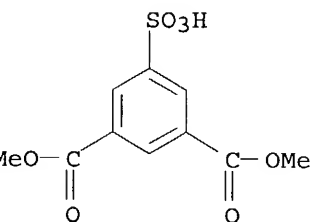
CRN 107-21-1
CMF C2 H6 O2



CRN 220001-97-8 CAPLUS
CN 1,3-Benzenedicarboxylic acid, 5-sulfo-, 1,3-dimethyl ester, ammonium salt,
polymer with dimethyl 1,3-benzenedicarboxylate, dimethyl
1,4-benzenedicarboxylate and 1,2-ethanediol (9CI) (CA INDEX NAME)

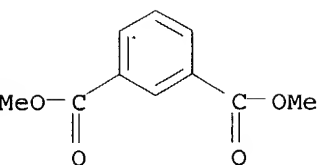
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CRN 119546-38-2
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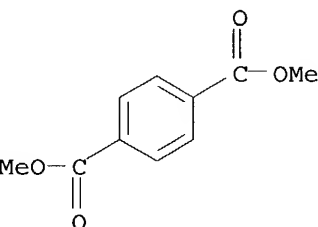
CM 2

CRN 1459-93-4
CMF C10 H10 O4



CM 3

CRN 120-61-6
CMF C10 H10 O4



CM 4

CRN 107-21-1
CMF C2 H6 O2

HO-CH₂-CH₂-OH

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L32 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1999:65358 CAPLUS

DOCUMENT NUMBER: 130:140441

TITLE: Preparation of modified polyesters with excellent spinnability and cationic dye-dyeability

INVENTOR(S): Ueda, Atsuko; Ishida, Akira

PATENT ASSIGNEE(S): Nippon Ester Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11021341	A2	19990126	JP 1997-191921	19970701
PRIORITY APPLN. INFO.:			JP 1997-191921	19970701

AB In prepn. of the title polyesters composed of .gtoreq.80 mol% ethylene terephthalate unit and 1-5 mol% metal sulfonate group-contg. ethylene isophthalate unit by direct esterification, oligomers based on ethylene terephthalate unit are controlled to be av. d.p. .ltoreq.5, kept in a molten state at .ltoreq.230.degree., mixed with ethylene glycol soln. of metal sulfonate group-contg. isophthalic acid components being controlled to pH 6.8-8.0, and polycondensed at .ltoreq.275.degree.. Thus, 1580 kg bis(.beta.-hydroxyethyl) terephthalate oligomer with av. d.p. 9.5 was treated with 62 kg adipic acid and 411 kg ethylene glycol to obtain a co-oligomer with av. d.p. 4.3, which was mixed with Sb2O3 and an ethylene glycol soln. of pH 7.6 contg. 2.5 mol% (to **total acid**) of a 6/4 mol mixt. of Na 3,5-di(carbo-.beta.-hydroxyethoxy)benzenesulfonat e/di-Me 5-sodiosulfoisophthalate and polymd. at 270.degree. under reduced

pressure to give a polyester with no. of .gtoreq.4-.mu.m insol. matters of 9/400 mg. A yarn with high degree of exhaustion was obtained from the polyester with good spinnability.

IT

219952-50-8P 219952-52-0P 219952-54-2P

RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(fiber; manuf. of sulfoisophthalate-contg. polyesters with good spinnability and cationic dye-dyeability)

RN

219952-50-8 CAPLUS

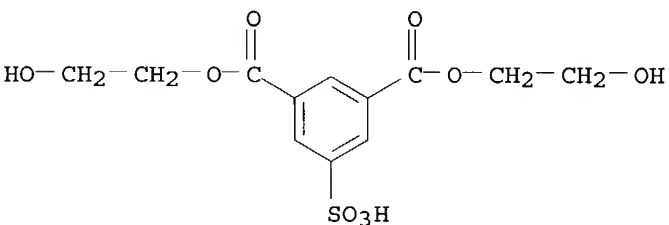
CN

1,3-Benzenedicarboxylic acid, 5-sulfo-, 1,3-bis(2-hydroxyethyl) ester, monosodium salt, polymer with 1,4-benzenedicarboxylic acid, bis(2-hydroxyethyl) 1,4-benzenedicarboxylate, 1,3-dimethyl 5-sulfo-1,3-benzenedicarboxylate sodium salt, 1,2-ethanediol and hexanedioic acid (9CI) (CA INDEX NAME)

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CRN 24019-46-3

CMF C12 H14 O9 S . Na

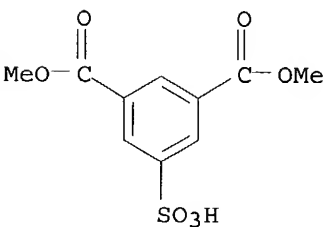


● Na

CM 2

CRN 3965-55-7

CMF C10 H10 O7 S . Na

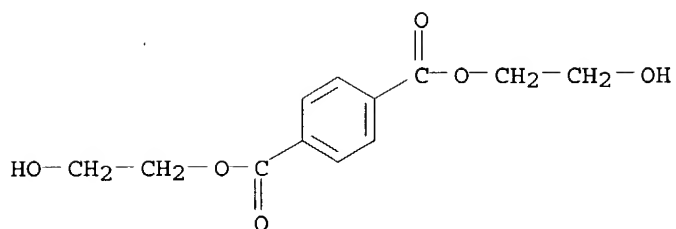


Na

CM 3

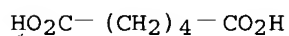
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CMF C12 H14 O6



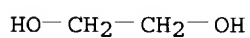
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CRN 124-04-9
CMF C6 H10 O4



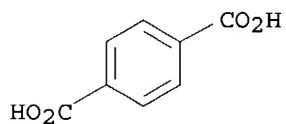
CM 5

CRN 107-21-1
CMF C2 H6 O2



CM 6

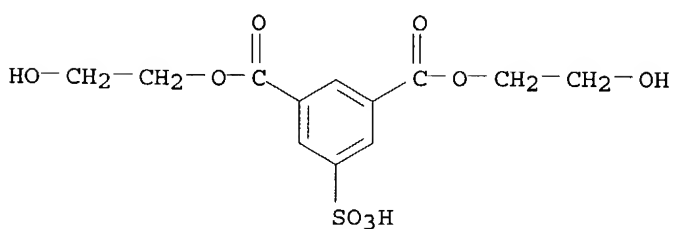
CRN 100-21-0
CMF C8 H6 O4



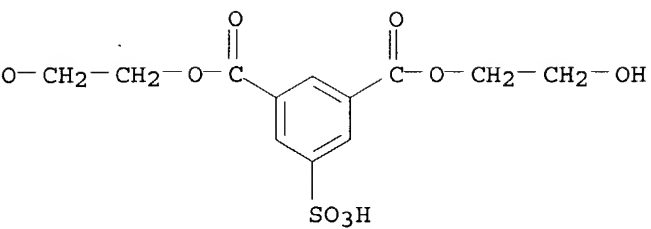
RN 219952-52-0 CAPLUS
CN 1,3-Benzenedicarboxylic acid, 5-sulfo-, 1,3-bis(2-hydroxyethyl) ester, monosodium salt, polymer with 1,4-benzenedicarboxylic acid, bis(2-hydroxyethyl) 1,4-benzenedicarboxylate, 1,3-dimethyl 5-sulfo-1,3-benzenedicarboxylate sodium salt, 1,2-ethanediol and nonanedioic acid (9CI) (CA INDEX NAME)

CM 1

CRN 24019-46-3
CMF C12 H14 O9 S . Na



Na

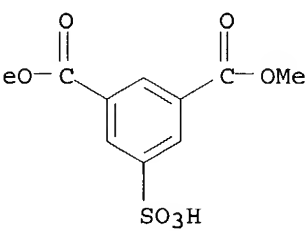


● Na

CM 2

CRN 3965-55-7

CMF C10 H10 O7 S . Na

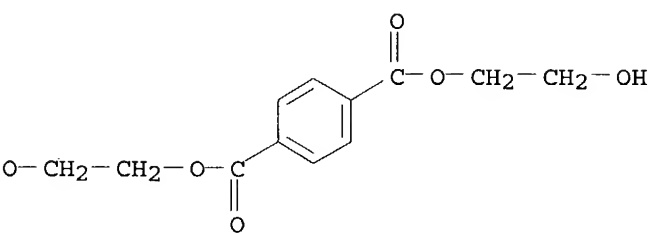


Na

CM 3

CRN 959-26-2

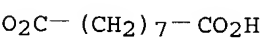
CMF C12 H14 O6



CM 4

CRN 123-99-9

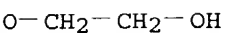
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CM 5

CRN 107-21-1

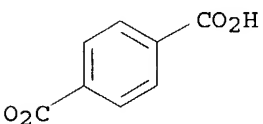
CMF C2 H6 O2



CM 6

CRN 100-21-0

CMF C8 H6 O4



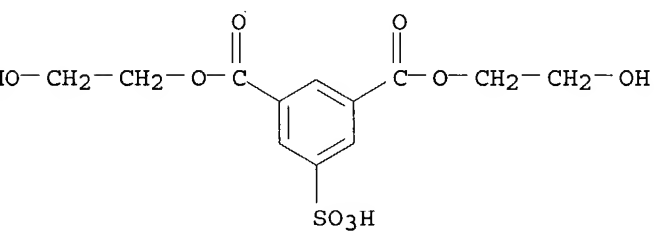
N 219952-54-2 CAPLUS

N 1,3-Benzenedicarboxylic acid, 5-sulfo-, 1,3-bis(2-hydroxyethyl) ester, monosodium salt, polymer with 1,3-benzenedicarboxylic acid, 1,4-benzenedicarboxylic acid, bis(2-hydroxyethyl) 1,4-benzenedicarboxylate, 1,3-dimethyl 5-sulfo-1,3-benzenedicarboxylate sodium salt and 1,2-ethanediol (9CI) (CA INDEX NAME)

CM 1

CRN 24019-46-3

CMF C12 H14 O9 S . Na

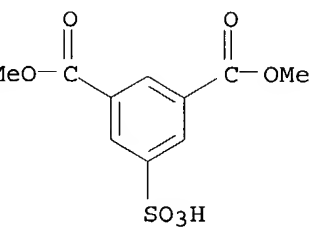


● Na

CM 2

CRN 3965-55-7

CMF C10 H10 O7 S . Na

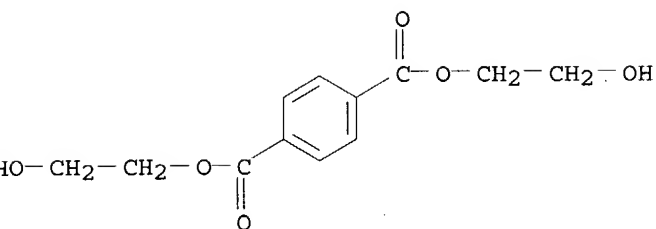


Na

CM 3

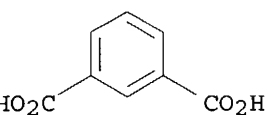
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CMF C12 H14 O6



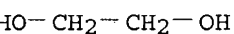
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CRN 121-91-5
CMF C8 H6 O4



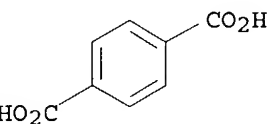
CM 5

CRN 107-21-1
CMF C2 H6 O2



CM 6

CRN 100-21-0
CMF C8 H6 O4



L32 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1998:747471 CAPLUS

DOCUMENT NUMBER: 130:39726

TITLE: Antisoiling copolyesters and polyester fibers therefrom

INVENTOR(S): Tsukamoto, Ryoji; Ito, Seiji; Mita, Toshihiro

PATENT ASSIGNEE(S): Teijin Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10306154	A2	19981117	JP 1997-103051	19970421

PRIORITY APPLN. INFO.: JP 1997-50191 19970305

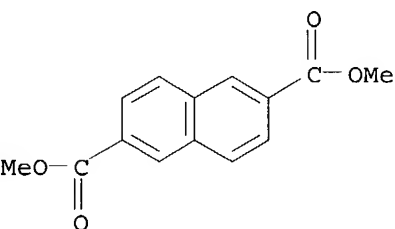
AB Polyesters comprise mainly PET, >1% one-end-capped polyalkylene glycols, >2 mol% (vs. total acid components) other monomers, have intrinsic viscosity >0.5, and satisfy the relation $13 \cdot \text{ltoreq. } 2X + Y \cdot \text{ltoreq. } 30$, where X is the % of the one-end-capped polyalkylene glycols and Y is the mol% of the other monomers. Thus, a polyester was prepd. from di-Me terephthalate, di-Me isophthalate (Y = 10 mol%), ethylene glycol, trimellitic anhydride, and polyethylene glycol mono-Ph ether ($2X + Y = 22$).

IT **216754-90-4DP**, Dimethyl 2,6-naphthalenedicarboxylate-dimethyl terephthalate-ethylene glycol-trimellitic anhydride copolymer, reaction products with polyethylene glycol monoethers **216754-92-6DP**, Dimethyl adipate-dimethyl terephthalate-ethylene glycol-trimellitic anhydride copolymer, reaction products with polyethylene glycol monoethers **216754-94-8DP**, Dimethyl isophthalate-dimethyl 5-sulfoisophthalate-dimethyl terephthalate-ethylene glycol-trimellitic anhydride copolymer, reaction products with polyethylene glycol monoethers **216754-96-0DP**, Dimethyl 2,6-naphthalenedicarboxylate-dimethyl 5-sulfoisophthalate-dimethyl terephthalate-ethylene glycol-trimellitic anhydride copolymer, reaction products with polyethylene glycol monoether **216754-98-2DP**, Dimethyl adipate-dimethyl 5-sulfoisophthalate-dimethyl terephthalate-ethylene glycol-trimellitic anhydride copolymer, reaction products with polyethylene glycol monoether
 RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (antisoiling polyesters and polyester fibers)

RN 216754-90-4 CAPLUS
 CN 2,6-Naphthalenedicarboxylic acid, dimethyl ester, polymer with 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, dimethyl 1,4-benzenedicarboxylate and 1,2-ethanediol (9CI) (CA INDEX NAME)

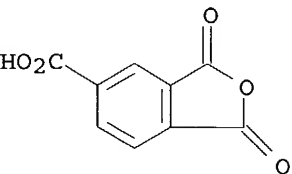
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CRN 840-65-3
 CMF C14 H12 O4



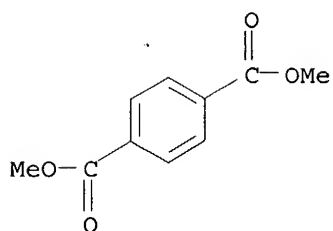
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CRN 552-30-7
 CMF C9 H4 O5



CM 3

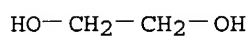
CRN 120-61-6
 CMF C10 H10 O4



CM 4

CRN 107-21-1

CMF C2 H6 O2



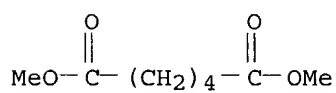
RN 216754-92-6 CAPLUS

CN 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with
1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, dimethyl
hexanedioate and 1,2-ethanediol (9CI) (CA INDEX NAME)

CM 1

CRN 627-93-0

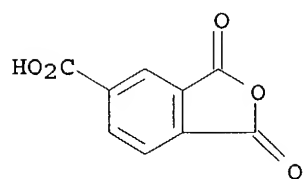
CMF C8 H14 O4



CM 2

CRN 552-30-7

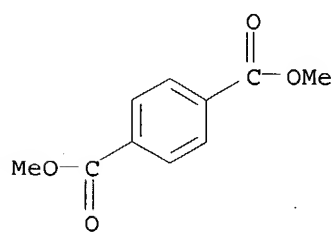
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CM 3

CRN 120-61-6

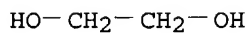
CMF C10 H10 O4



CM 4

CRN 107-21-1

CMF C2 H6 O2



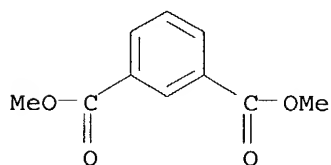
RN 216754-94-8 CAPLUS

CN 1,3-Benzenedicarboxylic acid, 5-sulfo-, 1,3-dimethyl ester, polymer with 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, dimethyl 1,3-benzenedicarboxylate, dimethyl 1,4-benzenedicarboxylate and 1,2-ethanediol (9CI) (CA INDEX NAME)

CM 1

CRN 1459-93-4

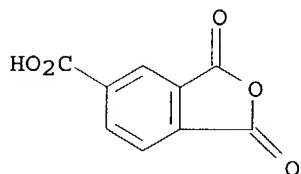
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CM 2

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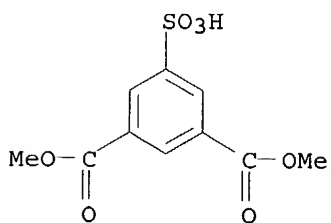
CMF C9 H4 O5



CM 3

CRN 138-25-0

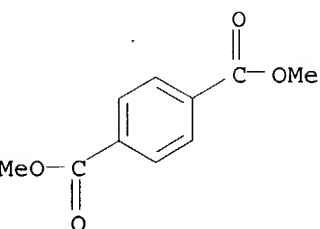
CMF C10 H10 O7 S



CM 4

CRN 120-61-6

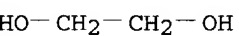
CMF C10 H10 O4



CM 5

CRN 107-21-1

CMF C2 H6 O2

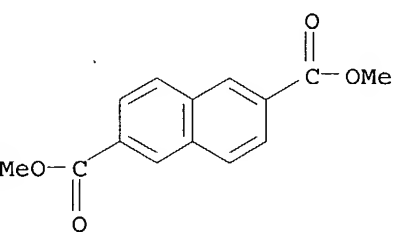


RN 216754-96-0 CAPLUS
 CN 2,6-Naphthalenedicarboxylic acid, dimethyl ester, polymer with
 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, dimethyl
 1,4-benzenedicarboxylate, 1,3-dimethyl 5-sulfo-1,3-benzenedicarboxylate
 and 1,2-ethanediol (9CI) (CA INDEX NAME)

CM 1

CRN 840-65-3

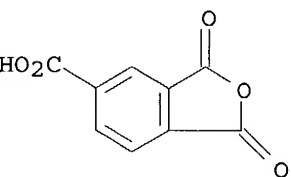
CMF C14 H12 O4



CM 2

CRN 552-30-7

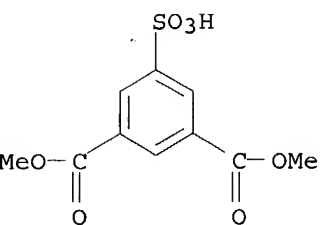
CMF C9 H4 O5



CM 3

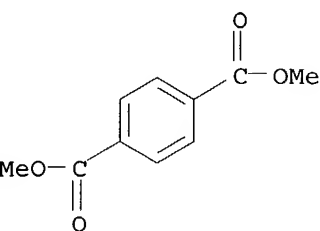
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CMF C10 H10 O7 S



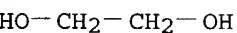
CM 4

CRN 120-61-6
CMF C10 H10 O4



CM 5

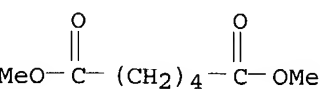
CRN 107-21-1
CMF C2 H6 O2



CRN 216754-98-2 CAPLUS
CN 1,3-Benzenedicarboxylic acid, 5-sulfo-, 1,3-dimethyl ester, polymer with
1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, dimethyl
1,4-benzenedicarboxylate, dimethyl hexanedioate and 1,2-ethanediol (9CI)
(CA INDEX NAME)

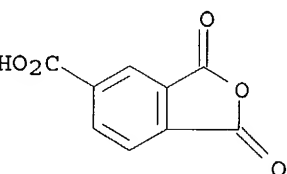
CM 1

CRN 627-93-0
CMF C8 H14 O4



CM 2

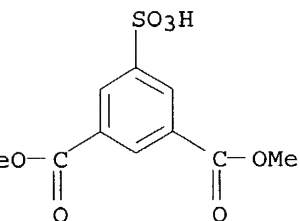
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CMF C9 H4 O5



CM 3

CRN 138-25-0

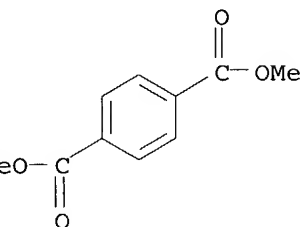
CMF C10 H10 O7 S



CM 4

CRN 120-61-6

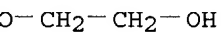
CMF C10 H10 O4



CM 5

CRN 107-21-1

CMF C2 H6 O2



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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

136.49

324.18

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Jan 9, 2004 (20040109/UP).

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